



IFC

LU 6133 (US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
Shahram Mirhan et al. )  
Serial No.: 10/572,817 ) Examiner: Unknown  
Filed: March 22, 2006 ) Art Unit: Unknown  
For: **LOOP REACTOR WITH VARYING** )  
**DIAMETER FOR OLEFIN** )  
**POLYMERIZATION** )

September 8, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed before the first Office action on the merits.

It is requested that the enclosed documents listed on the attached Information Disclosure Citation form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein. A copy of the International Search Report for this application is enclosed.

Independent consideration and acknowledgement of the enclosed documents are respectfully requested.

No payment is believed to be due; however, the Commissioner is hereby authorized to charge USPTO deposit account 08-2336 any payment due and to credit any overpayment thereto.

Respectfully submitted,  
**Shahram Mihan et al.**

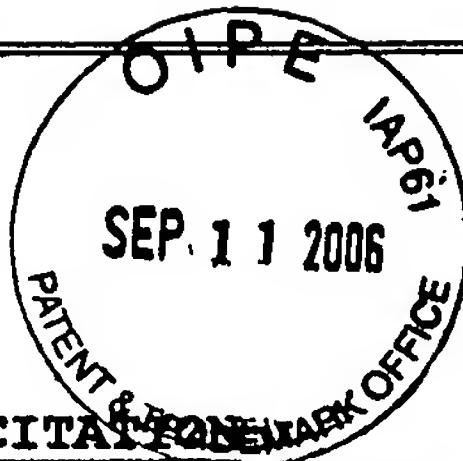
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Enclosures  
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I hereby certify that this correspondence is being deposited with sufficient postage thereon with the United States Postal Service as first class mail on September 8, 2006, in an envelope addressed to:  
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Jeanne S. Jones  
September 8, 2006

Date of Signature



FORM PTO-1449  
INFORMATION DISCLOSURE CITATION

Atty Docket LU 6133	Serial No. 10/572,817
Applicant Shahram Milhan et al.	
Filing Date 03/22/2006	Group Art Unit Not Yet Assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
AA	4,978,648	12/18/90	Barbe , et al.	502	127	9/27/89
AB	5,455,216	10/03/95	Mueller , et al.	502	256	09/21/93
AC	5,625,013	04/29/97	Mueller , et al.	526	106	05/24/95
AD	6,239,235	05/29/01	Hottovy , et al.	526	64	07/15/97
AE	6,319,997	11/20/01	Kendrick , et al.	526	64	10/05/00
AF	6,355,741	03/12/02	Marechal	526	64	09/11/00
AG	6,645,900	11/11/03	de Lange , et al.	502	87	02/28/02
AH	6,699,947	03/02/04	Evertz , et al.	526	106	03/11/02
AI	2004/0038810	02/26/04	Mihan, Shahran ; et al.	502	224	12/03/02
AJ						
AK						

## FOREIGN PATENT DOCUMENTS

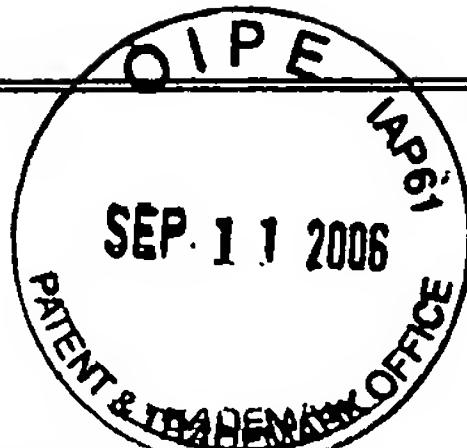
	Document Number	Date	Country	Class	Sub-Class	Trans-lation
AL	905,547	03/04/54	DE			NO
AM	517,868	11/15/95	EP			NO
AN	589,350 (counterpart US 5,455,216; US 5,625,013)	01/26/97	EP			YES
AO	1,482,148	10/15/74	GB			NO
AP	97/04015	02/06/97	WO			NO

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR		
AS		
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Examiner	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609.  
Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.



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**FOREIGN PATENT DOCUMENTS**

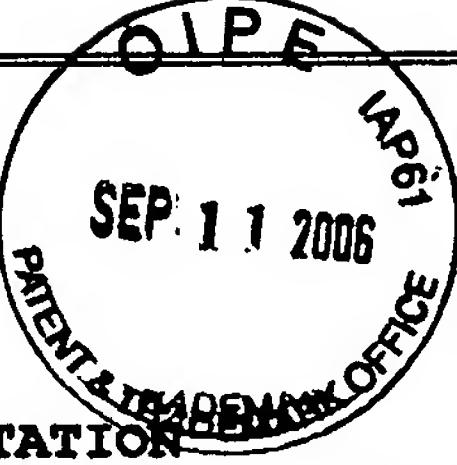
	Document Number	Date	Country	Class	Sub-Class	Trans-lation
AL	01/17675 (Counterpart US 4,978,648)	03/15/01	WO			YES
AM	01/17676 (Counterpart US 4,978,648)	03/15/01	WO			YES
AN	01/18069 (Counterpart US 6,645,900)	03/15/01	WO			YES
AO	01/90204 (Counterpart US 2004/0038810)	11/29/01	WO			YES
AP	04/026463	04/01/04	WO			YES

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

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	Document Number	Date	Country	Class	Sub-Class	Trans-lation
AL	04/027264	04/01/04	WO			YES
AM						
AN						
AO						
AP						

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

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